Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 15 Jan 2021 until 23:59 on Saturday 16 Jan 2021

Forecast Issued on Thursday 14 Jan 2021 at 13:34

Confidence: High for cold but dry and bright conditions for Friday, also for a band of snow and rain crossing from the west Saturday morning. Confidence becoming medium for the extent of the showers later Saturday and through Sunday, then low for any detail of showers or longer periods of rain and snow from Monday.

Headline for Friday 15 Jan 2021: Cold, but dry with sunny then bright spells and light winds.

Mountain weather hazards on Friday 15 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Partly cloudy (night)	Clear night	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Cloudy
Precipitation probability							
10%	00%	00%	00%	00%	00%	00%	00%

Forecast for Friday 15 Jan 2021

Weather: Perhaps a few isolated wintry showers during the early hours, but most staying dry with clear spells increasing gradually. Friday will be cold but dry with plenty of sunshine through the morning, which turning hazy through the afternoon as higher cloud gradually feeds from the west. Cloud thickening during the evening, but remaining dry.

Chance of cloud free mountain/hill tops above 600m: 90% with bases generally above the summits, only infrequently lowering 450-600m.

Visibility: Generally good or very good.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 15 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/6 SE	3/5 S	3/5 S	5/8 S	7/10 S	8/14 S	10/19 S	12/21 S	16/26 S
300	3/5 NE	2/3 SW	2/3 NE	3/6 S	3/6 S	5/9 S	5/14 S	7/15 S	9/21 S
Valley	2/4 E	2/3 E	3/4 E	2/6 SE	3/7 S	4/8 SE	6/13 SE	7/16 SE	10/18 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-4	-2/-4	-3/-5	-3/-7	-3/-7	-2/-7	-3/-9	-4/-10	-3/-10
300	-1/-3	-2/-4	-5/-7	-4/-7	-1/-3	-1/-4	-3/-6	-2/-6	-2/-6
Valley	0/-1	-0/-2	-1/-3	-1/-3	1/-0	2/-0	-1/-4	-0/-4	0/-4
Freezing Level*	300m	200m	200m	100m	200m	200m	00m	00m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Wind chill at height.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 14 Jan 2021	16mm	20.4mm	30.2mm

Forecast for Saturday 16 Jan 2021

Weather: A broad area of occasionally heavy snow and rain will cross from the west during the night and through the morning, which becomes weaker towards mid-day. This clears early afternoon with sunshine and showers following from the west. Snow level penetrating to all levels overnight, before lifting to around 700m by noon.

Maximum wind: South 30-35mph at first with gusts 50mph across most exposed ridges and summits, before winds veer westerly and gradually ease from late morning.

Chance of cloud free mountain/hill tops above 600m: 10% or less at first with bases extensive from 450-600m, becoming 60% early afternoon and 80% during the evening as clouds lift and break.

Visibility: Virtually nil in early snow, rain and hill fog, becoming generally good from afternoon, but lowering to a handful of kilometres in the showers.

Temperature: **Valleys:** Minus 7 Celsius rising plus 3 Celsius during the afternoon
At 600m: Minus 7 Celsius rising Zero to plus 2 Celsius during the afternoon
Freezing level: 100m lifting 700m

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